

REMARKS

By this Amendment, Applicants propose rewriting claims 31, 32, 40, and 41 in independent form to include the recitations of each claim's base claim and any intervening claims. Applicants also propose canceling claims 27-30, 33-39, and 42-46, without prejudice or disclaimer of the subject matter thereof. Upon entry of these proposed amendments, claims 31, 32, 40, and 41 will remain pending in this application.

In the Final Office Action, the Examiner rejected claims 27, 28, 30, 35-37, and 39 under 35 U.S.C. § 102(b) as anticipated by Miyano (U.S. Patent No. 5,442,705); rejected claims 29 and 38 under 35 U.S.C. § 103(a) as unpatentable over Miyano; rejected claims 33, 42, and 46 under 35 U.S.C. § 103(a) as unpatentable over Miyano in view of Ogawa et al. (U.S. Patent No. 5,787,179); rejected claims 44 and 45 under 35 U.S.C. § 103(a) as unpatentable over Miyano in view of Srinivasan, "Random Number Generators for Parallel Applications," and rejected claims 34 and 43 under 35 U.S.C. § 103(a) as unpatentable over Miyano in view of Ogawa and Schneier, "Applied Cryptography," 2nd Edition.

The Examiner also objected to claims 31-32 and 40-41 as being dependent upon rejected base claims but indicated these claims would be allowable if rewritten in independent form including all elements of each claim's base claim and any intervening claims. Applicants appreciate the Examiner's indication of allowable subject matter in this case.

Applicants propose rewriting claims 31, 32, 40, and 41 in independent form to include the recitations of each claim's base claim and any intervening claims.

Accordingly, Applicants respectfully request the Examiner to enter these amendments and allow claims 31, 32, 40, and 41.

In an effort to expedite prosecution, Applicants propose canceling claims 27-30, 33-39, and 42-46 without prejudice or disclaimer of the subject matter thereof. Accordingly, upon entry of this Amendment, all remaining rejections in this application will have been rendered moot.

CONCLUSION

Applicants respectfully request that the Examiner enter this Amendment under 37 C.F.R. § 1.116, placing claims 31, 32, 40, and 41 in condition for allowance.

Applicants submit that the proposed amendments rewriting these claims in independent form to address the Examiner's objections do not raise new issues or necessitate the undertaking of any additional search of the art by the Examiner, since all of the elements and their relationships claimed were either earlier claimed or inherent in the claims as examined. Therefore, this Amendment should allow for immediate action by the Examiner.

In view of the foregoing remarks, Applicants submit that the pending claims, as amended, are neither anticipated nor rendered obvious in view of the prior art references cited against this application. Applicants therefore request the entry of this Amendment, the Examiner's reconsideration and reexamination of the application, and the timely allowance of the pending claims.

Please grant any extensions of time required to enter this response and charge
any additional required fees to our deposit account 06-0916.

Respectfully submitted,

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